

TES J-75/30

Polyamide 6 Alloy
Techmer Engineered Solutions

Message:

TES J-75/30 is a Polyamide 6 Alloy (Nylon 6 Alloy) product filled with glass fiber. It can be processed by injection molding and is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Primary characteristic: rohs compliant.

General Information			
Filler / Reinforcement	Glass Fiber		
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.26	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	0.30	%	ASTM D955
Water Absorption			ASTM D570
24 hr	0.35	%	
Saturation, 23°C	4.9	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	8270	MPa	ASTM D638
Tensile Strength (Break, 23°C)	121	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	4.3	%	ASTM D638
Flexural Modulus (23°C)	7580	MPa	ASTM D790
Flexural Strength (Break, 23°C)	159	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	85	J/m	ASTM D256
Unnotched Izod Impact (23°C, 3.18 mm)	530	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	166	°C	ASTM D648

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Recommended distributors for this material

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